

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. SF 078962	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE, OR TRIBES NAME _____	
2. NAME OF OPERATOR SOUTHERN UNION PRODUCTION COMPANY		7. UNIT AGREEMENT NO. _____	
3. ADDRESS OF OPERATOR P. O. Box 808; FARMINGTON, NEW MEXICO		8. FARM OR LEASE NO. SEC 24 1964	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1560 FEET FROM NORTH LINE AND 1850 FT. FROM EAST LINE. At top prod. interval reported below SAME AS ABOVE At total depth SAME AS ABOVE		9. WELL NO. 3	
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL OR WILDCAT Basin Dakota & Blanco Mesaverde	
15. DATE SPUNDED 9/30/64		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 5, T-26-N, R-8-W, N.M.P.M.	
16. DATE T.D. REACHED 10/16/64		12. COUNTY OR PARISH SAN JUAN	
17. DATE COMPL. (Ready to prod.) 11/13/64		13. STATE NEW MEXICO	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6262 D.F.		19. ELEV. CASINGHEAD 6252	
20. TOTAL DEPTH, MD & TVD 6800 MD&TVD		21. PLUG, BACK T.D., MD & TVD 6760 R.K.B.	
22. IF MULTIPLE COMPL., HOW MANY* Two		23. INTERVALS DRILLED BY 0-6800	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* DAKOTA 6477-6734 MD & TVD MESABERDE 4517-4399		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN ELECTRIC-INDUCTION, GAMMA RAY CORRELATION, CEMENT BOND LOG		27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well) Casing Size Weight, lb./ft. Depth Set (MD) Hole Size 8-5/8 24 298 R.K.B. 12-1/4 5-1/2 17 6799 R.K.B. 7-7/8 STAGE COLLAR @ 4778 R.K.B. STAGE COLLAR @ 2248 R.K.B.		29. TUBING RECORD Size Top (MD) Bottom (MD) Sacks Cement* Screen (MD) Size Depth Set (MD) Packer Set (MD) 1-1/2 6643 R.K.B. 6772 R.K.B. 1-1/4 4452 R.K.B.	
30. PERFORATION RECORD (Interval, size and number) DAKOTA: PERF 1 SHOT/FT. 6607-12, 6626-30, 6638-40, 6644-50, 6660-64, 6689-92, 6700-04, 6710-13, 6717-21, 6477-84, 6490-94, 6524-29, 6543-48, 6552-55, 6558-63, 6580-87; PERF 4 SHOT/FT. 6640-44, 6674-78, 6730-34; MESABERDE PERF 1 SHOT/FT. 4399-4414, 4419-24, 4429-38, 4447-61, 4490-93, 4501-05, 4517-20		31. AMOUNT AND KIND OF MATERIAL USED FRAC W/98,000# SB, 124,866 GALS. WATER, 40 TONS CO₂ FRAC W/130,000# SB, 142,842 GALS. WATER, 80 TONS CO₂	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. PERF SIZE 50		33. DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in) SHUT-IN	
34. DATE OF TEST 12/9/64 HOURS TESTED 3 CHOKES SIZE 3/4" PROD'N. FOR TEST PERIOD 270 DAKOTA OIL—BBL. 337 MESABERDE GAS—MCF. 2155 DAKOTA WATER—BBL. 2698 MESABERDE GAS-OIL RATIO 2155 DAKOTA OIL GRAVITY-API (CORR.) _____		35. TEST WITNESSED BY VERNE ROCKHOLD	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED GILBERT D. NOLAND, JR. TITLE DRILLING SUPERINTENDENT DATE 12/18/64			

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				WASATCH	SUNF	
				KIRTLAND	1435	
				FRUITLAND	1895	
				PICTURED CLIFFS	2120	
				LEWIS	2200	
				MESAVERDE	3720	
				NANCOS	4750	
				DAKOTA	6475	
				MORRISON	6760	